



DJI INSPIRE 3

Basic Kit



Master the Unseen

Industrial Design

Inspire 3 is a professional camera drone that adopts a fluid new design that takes aerodynamics fully into consideration to reduce air resistance.

The max dive speed has increased from the 9 m/s of Inspire 2 to 10 m/s, while vertical ascend/descend speed has increased from 6 m/s and 4 m/s to 8 m/s.

Powerful maneuverability delivers responsive, accurate control and an extended flight time of up to 28 minutes.



Camera And Sensors

The FPV camera, visual sensors, positioning antennas, and storage card slot all adopt designs that are seamlessly integrated into the airframe for a minimalist look and modern industrial aesthetics.

FPV camera



Visual sensors



positioning antennas



Centimeter-Level RTK Positioning

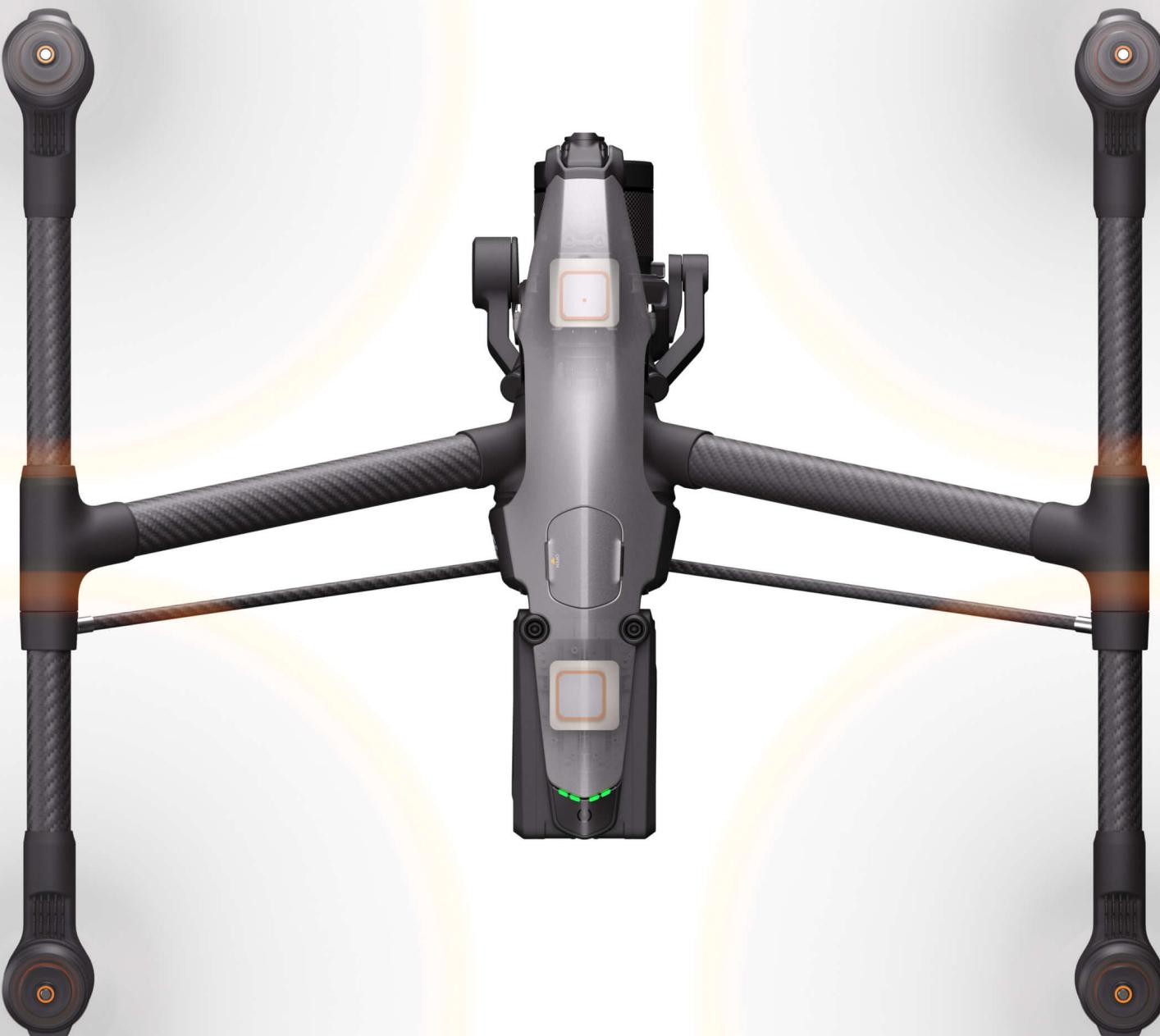
Inspire 3 integrates high-precision RTK positioning technology used in industries such as architecture and surveying to deliver centimeter-level accuracy. Compared with traditional meter-level positioning supported by Global Navigation Satellite Systems (GNSS), RTK not only makes flying more stable, but also makes flight-route planning more accurate, significantly improving creative efficiency.

RTK antennas have been built into the airframe with a new stacked ceramic design, which enables three types of GNSS (GPS, BeiDou, and Galileo) and delivers dual-frequency positioning down to the centimeter level. By activating an RTK network or setting up a D-RTK 2 Mobile Station, users can achieve highly accurate positioning without mounting any additional modules.



Dual-Antenna Orientation

Mavic 3 Classic is compatible with Mavic 3-Series batteries, allowing for 40 minutes of hovering time and 46 minutes of flight time, ensuring more time to create and less time worrying about battery level.



Repeatable Routes

Using Repeatable Routes, the aircraft will automatically fly on the same route and maintain all preset parameters such as altitude, speed, gimbal angle, and camera settings. Repeating the same flight mission allows cinematographers to effortlessly perform difficult one-takes, or to fly at different times in the same place to easily create long-duration timelapses that capture transitions such as day to night or season to season.



Omnidirectional Sensing System

Inspire 3 is equipped with nine sensors, which enable a robust omnidirectional sensing system that can detect obstacles in all directions and provide comprehensive protection for flying.



Specifications



Takeoff Weight	Approx. 4,310 g	Max Hovering Time	25 minutes
Dimension	176 x 709.8 x 500.5 mm	Max Flight Distance	30 km
Diagonal Distance	695 mm	Max Wind Speed Resistance	14 m/s
Max Ascent Speed	8 m/s	ISO Range	200-6400
Max Descent Speed	8 m/s	Max Image Size	8192 x 4320
Max Speed	94 kph	Video Resolution	4K/60FPS
Max Takeoff Altitude	7000 m	Lens	FOV: 84° Aperture: f/2.8
Max Flight Time	28 minutes	Sensor	35mm full-frame CMOS

In the Box



Inspire 3 Aircraft	x 1
RC Plus	x 1
Zenmuse X9-8K Air Gimbal Camera	x 1
Zenmuse X9-8K Air Gimbal Camera Case	x 1
Lens Carrying Box (18/24/50mm)	x 1
TB51 Intelligent Battery	x 1
Charging Hub	x 1
PROSSD 1TB	x 1
Propellers (Pair)	x 3
RC Plus Strap	x 1
RC Plus Waist Support	x 1
Inspire 3 Trolley Case	x 1
USB-C to USB-C Cable	x 1
USB-C to USB-A Cable	x 1
TB51 Intelligent Battery Charging Hub	x 1
Battery Sticker	x 1
Double Headed Screwdriver	x 2

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